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APPLICANT : DAINIPPON INK & CHEM INC;

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TITLE : ACTIVE ENERGY RAY CURABLE METAL COATING COMPOSITION CONTAINING
MALEIMIDE DERIVATIVE

ABSTRACT : PROBLEM TO BE SOLVED: To provide epoch-making active energy ray curable metal coating compositions which do not use a photopolymerization initiator which causes an offensive odor upon curing, yellowing of cured coated films, and an eluate from the cured coated films and are curable at a practical intensity of the energy rays with a practical exposed dose and give a high strength of the coated films and have excellent adhesion to metals and, in addition, excellent processability and retortability.

SOLUTION: The active energy ray curable metal coating compositions comprise a compound having a maleimide group and a phosphoric ester having a (meth)acryloyl group.

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